

**CLAIMS**

1. A cosmetic composition to assist oxygen transport into the skin with vesicles as carriers for oxygen transport, characterized in that the composition contains 1% to 50% by weight of membrane-forming sphingolipids and/or galactolipids; and 5% to 50% by weight of a fluorocarbon or fluorocarbon mixture charged with oxygen.  
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2. A cosmetic composition according to claim 1, characterized in that the sphingolipids are selected from neutral glycosphingolipids, such as cerebrosides, galactocerebrosides, glucocerebrosides and sulphatides.
3. A cosmetic composition according to one of the preceding claims, characterized in that  
10 the galactolipids are selected from monogalactosyldiacylglycerol and digalactosyldiacylglycerol.
4. A cosmetic composition according to one of the preceding claims, characterized in that the vesicles are contained in the composition as a vesicle with a double lipid layer membrane.
- 15 5. A cosmetic composition according to one of the preceding claims, characterized in that the vesicles in the composition are present as nanoparticles or a nanoemulsion, preferably with single lipid layer membranes.
6. A cosmetic composition according to one of the preceding claims, characterized in that the fluorocarbon is perfluorodecalin.
- 20 7. A cosmetic composition according to one of the preceding claims, characterized in that the composition further contain 5% to 20% by weight of oils and/or waxes, preferably vegetable oils and/or vegetable waxes, more preferably jojoba oil.
8. A cosmetic composition according to one of the preceding claims, characterized in that  
25 the composition further contains natural or synthetic capsaicin (nonylic acid vanillylamine), preferably in an amount of 0.1% to 1% by weight, particularly preferably in an amount of 0.2% to 0.6% by weight, and/or nicotinic acid and/or nicotinamide and/or nicotinic acid ester, preferably in an amount of 0.5% to 5% by weight, particularly preferably in an amount of 0.5% to 3% by weight.
9. A cosmetic composition according to one of the preceding claims, characterized in that  
30 the composition further contains 10% to 50% by weight of alcohols, preferably glycerin,

ethanol and/or glycols, such as 1,2-propylene glycol, 1,3-butylene glycol or 1,2-pentylene glycol.

10. A cosmetic composition according to one of the preceding claims, characterized in that the composition further contains 0.5% to 5% by weight of a polyethylene glycol fatty acid glyceride, preferably a fatty acid glyceride of polyethylene glycol 25 to polyethylene glycol 75.
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11. A cosmetic composition according to one of the preceding claims, characterized in that the composition further contains preservatives in an amount of 0.01% to 1.0% by weight and/or thickening agents in an amount of 1.0% to 2.0% by weight.
- 10 12. A cosmetic composition according to one of the preceding claims, characterized in that the composition contains:
- 5% to 30% by weight, preferably 15% to 25% by weight of 1,2-propyleneglycol;
- 10% to 20% by weight, preferably 14% to 18% by weight of glycerin;
- 5% to 20% by weight, preferably 7% to 15% by weight of sphingolipid-oil/wax solution;
- 15 0.5% to 5% by weight, preferably 1% to 3% by weight of polyethyleneglycol 75 shea butter glyceride;
- 10% to 50% by wt, preferably 15% to 25% by weight of perfluorodecalin; and
- qs 100% by weight of water,
- wherein the sphingolipid-oil/wax solution substantially comprises of a solution of 10% to
- 20 20% by weight of ceramides and/or glycosphingolipids in oils and/or waxes, preferably vegetable oils and/or vegetable waxes, more preferably jojoba oil.